Michigan Building Intelligence System (MI-BIS)



MI-BIS Challenge



To integrate all embedded devices into one system.

To *control* and *monitor* sites over the Internet.

To *collect and analyze* data from *all* systems and locations.

To reduce energy and save money.



MI-BIS Description

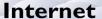


- ➤ An infrastructure for building operations, energy controls and communication
- Consolidates the monitoring and management of all HVAC, lighting, elevators, and energy metering into one system.



MI-BIS Software





Delivers information to the Internet and enterprise applications





Two-way communication for real-time monitoring and control











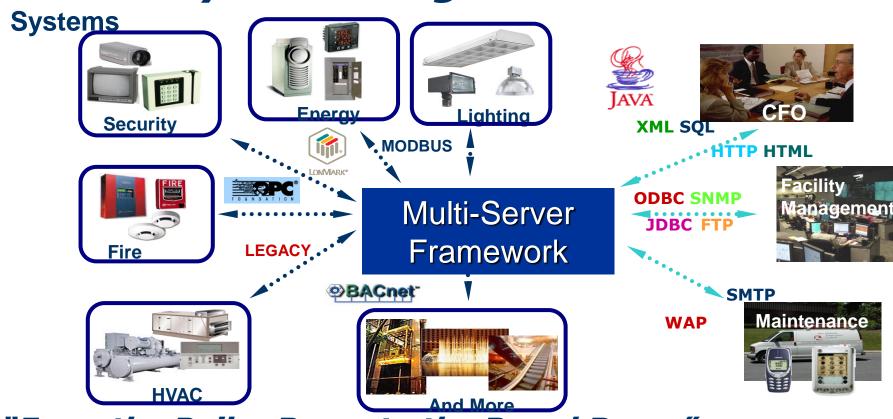
Diverse Systems & Data



MI-BIS Framework



... System Integration



"From the Boiler Room to the Board Room"



MI-BIS Community











Honeywell WEBs

















MI-BIS Cost Advantages



- More efficient energy management = LOWER COSTS
- Saves \$400,000 annually through cancellation of solesource maintenance agreements
- Saves \$300,000 \$500,000 per building on service bids





Vykon Energy Suite





- Analyzes utility rates
- Energy management in financial and green terms
- Benchmarks facilities
- Energy efficiency analysis tools
- Real-time energy data availability



Interface Options

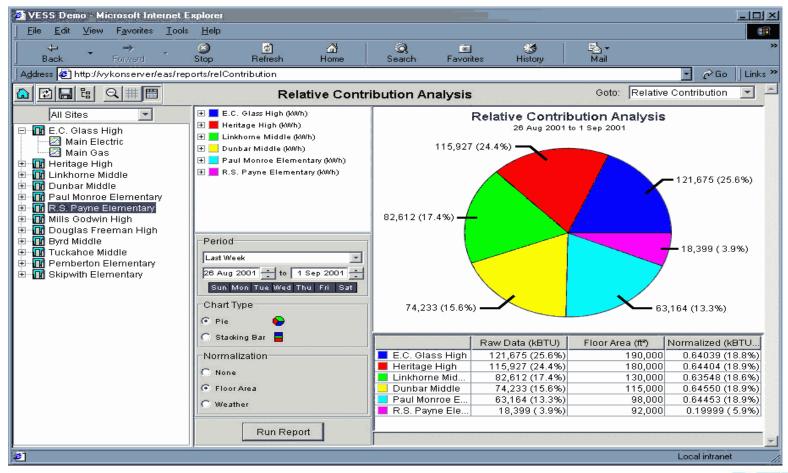






Interface Options





Interface Options



